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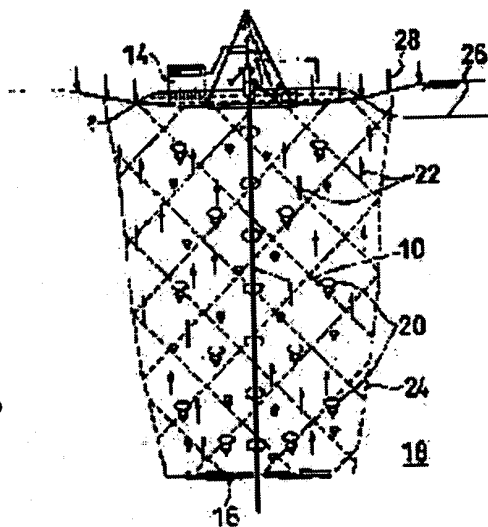
(21)Application number : 08-274002 (71)Applicant : KUMAGAI GUMI CO LTD
(22)Date of filing : 26. 09. 1996 (72)Inventor : KAMEYAMA TOSHIHARU
HIRANO AKIOMI

(54) METHOD FOR PREVENTING LIQUEFACTION OF SANDY GROUND

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a method for preventing liquefaction which is applicable for all sandy ground in which high compressed pressure air is used.

SOLUTION: In the method for preventing liquefaction of sandy ground, a compressed air pipe 10 is driven into the ground to a predetermined depth to blow off high pressure compressed air, as a jet 16, into the ground 18. Whereupon, air flows 20, a rise in pore water pressure, and upward seepage flows 22 are caused by the compressed air blown into the ground 18 so that a local liquefaction is generated. Stopping the compressed air from blowing, then blowing of the compressed air, local liquefaction of the ground, and stopping the compressed air from blowing are repeated.



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